



Installing MacBook Core Duo Optical Drive Cable

Tools used in this guide

- [Coin](#)
- [Phillips #00 Screwdriver](#)
- [Spudger](#)

Parts relevant to this guide

- [MacBook Optical Drive Cable](#)



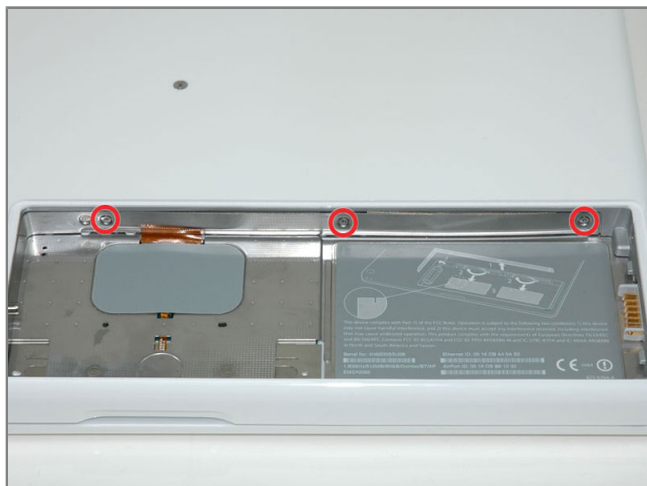
Step 1 - Battery

- Use a coin to rotate the battery-locking screw 90 degrees clockwise.



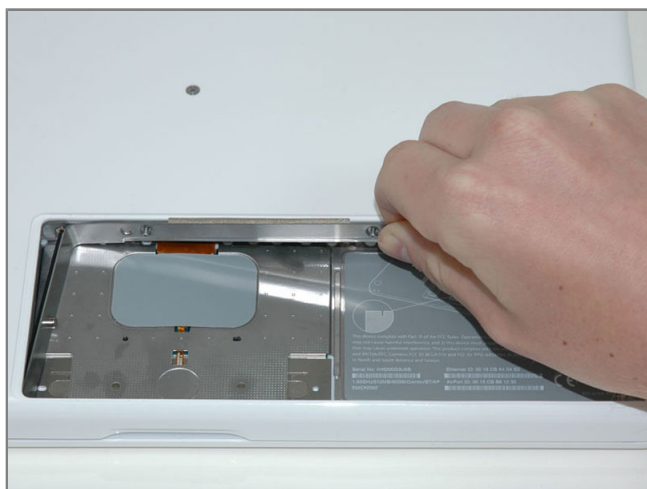
Step 2

- Lift the battery out of the computer.



Step 3 - Memory Cover

- Remove the three evenly-spaced Phillips screws from along the rear wall of the battery compartment.
- The screws are captive to the metal memory cover.



Step 4

- Lift up on L-shaped memory cover, slide it to the right, and lift it out of the computer.



Step 5 - Upper Case

- Remove the following 3 screws:
 - One 11 mm Phillips in the middle of the case.
 - Two 14.5 mm Phillips.
- If the screws stick in the case, you can use a magnetized screwdriver to draw them out.
- The shorter of the three screws goes in the middle.



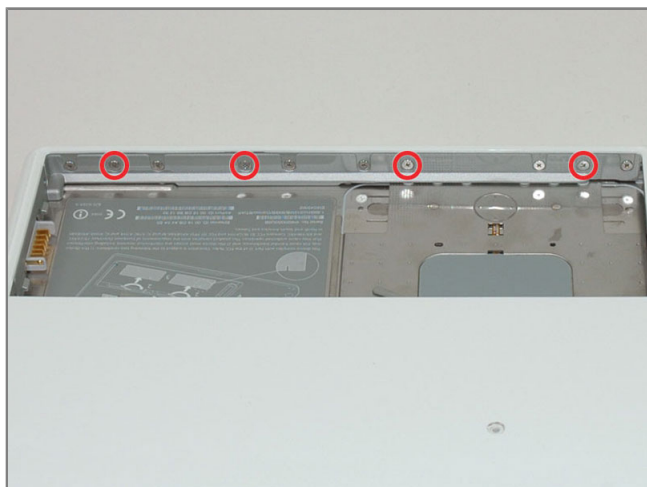
Step 6

- Remove the following 3 screws from the rear wall of the battery compartment:
 - Two 3 mm Phillips.
 - One 4 mm Phillips on the right side.
- When reinstalling these screws, it may be helpful to push down on the lower case to line up the screw holes.



Step 7

- Remove the two Phillips screws from either side of the right wall of the battery compartment (not the ones closest to the battery connector).



Step 8

- Remove the four indicated Phillips screws from the front wall of the battery compartment. When working from the left, remove the 2nd, 4th, 7th and 9th screw.



Step 9

- Remove the following 4 screws from the back of the computer:
 - Two 7 mm Philips on the far sides.
 - Two 10.5 mm Phillips toward the center.



Step 10

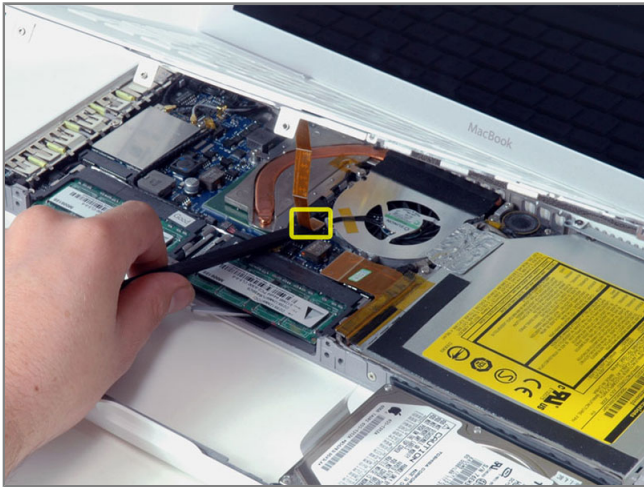
- Remove the two Phillips screws from the optical side of the computer.
- It is not necessary to remove the similar screws on the other side of the computer.





Step 11

- Starting near the display and working around to the front of the computer, pry up on the upper case.
- There's a trackpad and keyboard ribbon connecting the upper case to the logic board, so don't pull the upper case off entirely just yet.



Step 12

- While holding up the upper case, use a spudger to pry up the orange trackpad and keyboard cable from its connector.



Step 13 - Optical Drive

- Grasp the white plastic tab attached to the hard drive and pull it to the left, removing the hard drive from the computer.



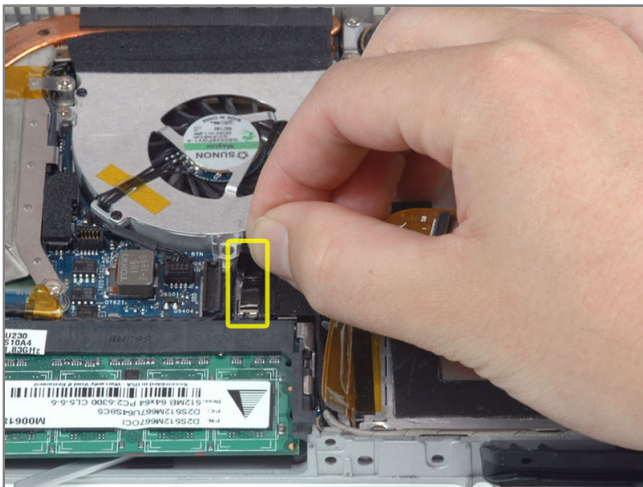
Step 14

- Remove the two Phillips screws from the front edge of the optical drive.



Step 15

- Disconnect the orange optical drive ribbon cable from the logic board.



Step 16

- Disconnect the newly-revealed display data cable. If there is no pull-tab on the top of the connector, it may be helpful to use a spudger to disconnect this connector.



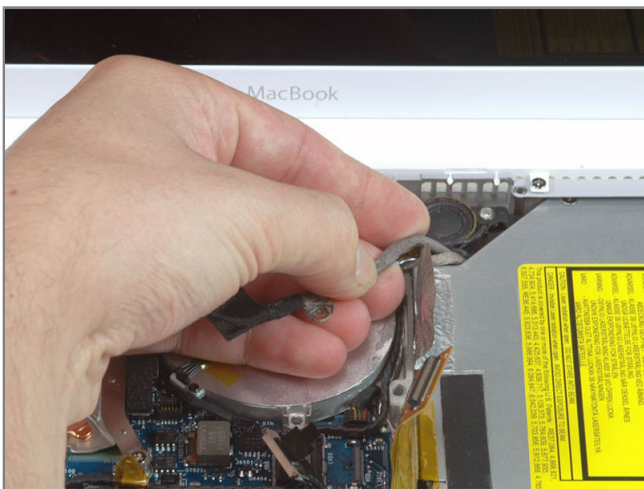
Step 17

- Disconnect the (once again) newly-revealed hard drive cable.



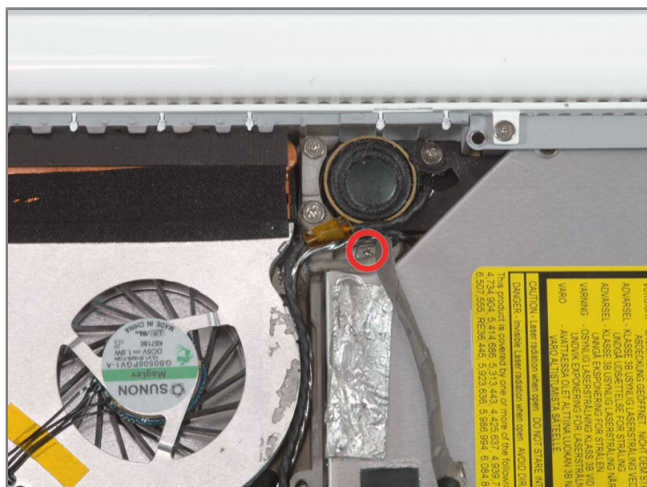
Step 18

- Peel up the foil tape between the fan and the optical drive.
- Remove the Phillips screw securing the display data cable to the metal framework.



Step 19

- Pull up the display data cable from along the edge of the optical drive to reveal a silver Phillips screw.



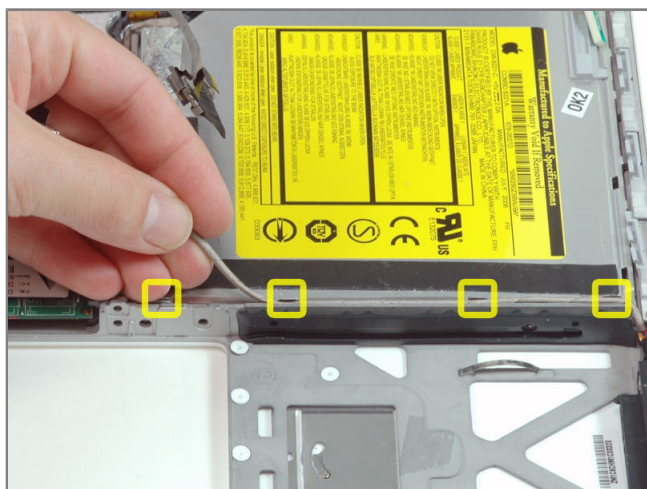
Step 20

- Remove the Phillips screw securing the optical drive.
- The Bluetooth cable may be covering the screw; carefully push it aside before removing the screw.



Step 21

- Lift the Bluetooth antenna board from the right side of the optical drive.



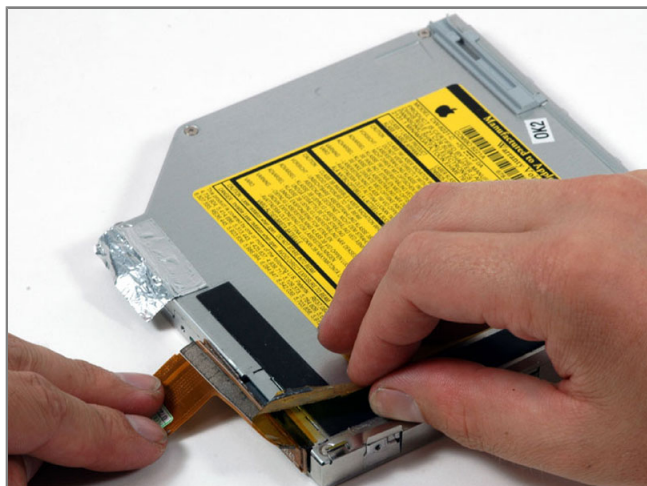
Step 22

- Deroute the hard drive cable from along the front of the optical drive.



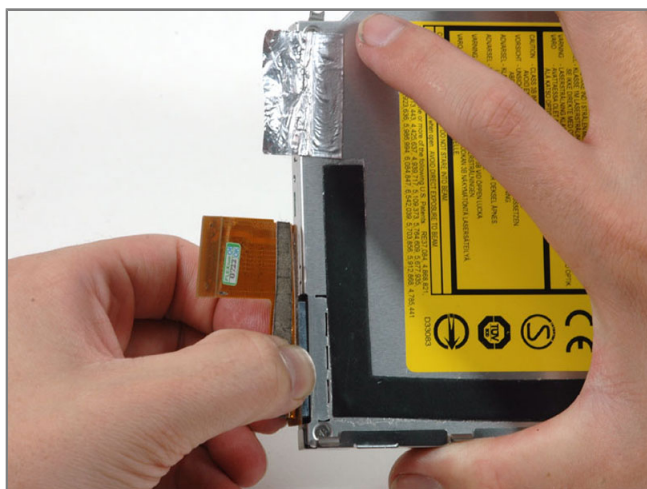
Step 23

- Lift the front edge of the optical drive and slide it up and out of the computer.



Step 24 - Optical Drive Cable

- Peel up the orange tape partially covering the orange optical drive cable.



Step 25

- Disconnect the orange cable from the optical drive.